

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(e))

22-106 US PTO
10/655876
09/08/03
DIGITAL TIME DOMAIN REFLECTOMETER SYSTEM

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		Attorney Docket No.	PSI-05
		First Inventor	John C. McCosh
		Title	DIGITAL TIME DOMAIN REFLECTOMETER SYSTEM
		Express Mail Label No.	EU 661229337 US

- Fee Transmittal Form (e.g., PTO/SB/17) (*Submit an original and a duplicate for fee processing*)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages **33**] (*Preferred arrangement set forth below*)
 - Description of the invention
 - Cross-Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [**11** Total Sheets]
- Oath or Declaration [**2** Total Sheets]
 - Newly executed (original or copy)
 - Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional with Box 18 completed*)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, end supply the requisite information below and in the first sentence of the specification following the title, or in an Application Date Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Priority application information: **Examiner** _____ **Art Unit:** _____
 For CONTINUATION OR DIVISIONAL APPLICATION: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<i>(Input Customer No. or Bar Code Label here)</i>			<input type="checkbox"/> OR <input checked="" type="checkbox"/> Correspondence address below	
Name	William J. Kolegraff				
Address	3119 Turnberry Way				
City	Jamul	State	CA	Zip Code	91935
Country	US	Telephone	619-401-8008	Fax	619-401-0808
Name (Print/Type)	William J. Kolegraff	Registration No. (Attorney/Agent)			
Signature				Date	Sept 5, 2003

This collection of information is required by 37 CFR 1.53(c). The information is required to obtain or retain a benefit by the public which is to be furnished by the USPTO to promote the operation of the patent system. Confidentiality is guaranteed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

17611-U
01/01/00

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 415.00)

Complete If Known

Application Number	
Filing Date	
First Named Inventor	John C. McCosh
Examiner Name	
Art Unit	
Attorney Docket No.	PSI-05

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any overpayments
 Change any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051	65 Surcharge - late filing fee or oath	
1052 50	2052	25 Surcharge - late provisional filing fee or cover sheet	
1053 130	1812 2,520	Non-English specification	
1812 2,520	1804 920*	For filing a request for ex parte reexamination	
1804 920*	1804 1,840*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251	55 Extension for reply within first month	
1252 410	2252	205 Extension for reply within second month	
1253 930	2253	465 Extension for reply within third month	
1254 1,450	2254	725 Extension for reply within fourth month	
1255 1,970	2255	985 Extension for reply within fifth month	
1401 320	2401	160 Notice of Appeal	
1402 320	2402	160 Filing a brief in support of an appeal	
1403 280	2403	140 Request for oral hearing	
1451 1,510	1451	1,510 Petition to institute a public use proceeding	
1452 110	2452	55 Petition to revive - unavoidable	
1453 1,300	2453	850 Petition to revive - unintentional	
1501 1,300	2501	850 Utility issue fee (or reissue)	
1502 470	2502	235 Design issue fee	
1503 630	2503	315 Plant issue fee	
1460 130	1460	130 Petitions to the Commissioner	
1807 50	1807	50 Processing fee under 37 CFR 1.17(q)	
1806 180	1806	180 Submission of Information Disclosure Stmt	
8021 40	8021	40 Recording each patent assignment per property (times number of properties)	40.00
1809 750	1809	750 Filing a submission after final rejection (37 CFR 1.128(e))	
1810 750	1810	750 For each additional invention to be examined (37 CFR 1.129(f))	
1801 750	1801	375 Request for Continued Examination (RCE)	
1802 900	1802	900 Request for expedited examination of a design application	

Fee Paid	1
Fee Paid	2
Fee Paid	3
Fee Paid	4
Fee Paid	5
Fee Paid	6
Fee Paid	7
Fee Paid	8
Fee Paid	9
Fee Paid	10
Fee Paid	11
Fee Paid	12
Fee Paid	13
Fee Paid	14
Fee Paid	15
Fee Paid	16
Fee Paid	17
Fee Paid	18
Fee Paid	19
Fee Paid	20
Fee Paid	21
Fee Paid	22
Fee Paid	23
Fee Paid	24
Fee Paid	25
Fee Paid	26
Fee Paid	27
Fee Paid	28
Fee Paid	29
Fee Paid	30
Fee Paid	31
Fee Paid	32
Fee Paid	33
Fee Paid	34
Fee Paid	35
Fee Paid	36
Fee Paid	37
Fee Paid	38
Fee Paid	39
Fee Paid	40

The credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
 Listed items(s) The credit card information and cost must also be included on this form.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 375.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims - 20** =	Fee from below	Fee Paid
19	0	X	
3	- 3** = 0	X	
Multiple Dependent			

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid with original patent	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)	

*or number previously paid, if greater; For Reissues, see above

Other fee (specify) *Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$ 40.00)

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	William J. Kolegoff	Registration No. /Attorney/Agent	41,125
Signature		Telephone	619-401-8008
		Date	Sept. 5, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-8000 (1-800-777-0000) and select option 2.

Copied from 10656876 on 09/22/2004

Bill Kolegraff

THE LAW OFFICE OF BILL KOLEGRAFF

3119 Turnberry Way
Jamul, CA 91935
619/ 401-8008 (office)
619/ 401-0808 (fax)
kolegraff@cox.net (email)

September 5, 2003

Mr. Darrell Johnson
PSIBER DATA SYSTEMS INC.
7075-K Mission gorge Road
San Diego, CA 92120

RE: DIGITAL TIME DOMAIN REFLECTOMETER SYSTEM

My reference number: PSI-05

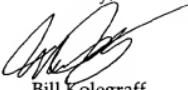
Dear Darrell,

Attached is a copy of an application and formal documents I filed today with the US Patent and Trademark Office. The documents included the assignment from the inventors to Psiber Data Systems. The filing package included the following:

- 44 pages of Application, including
 - 26 pgs. of Specification
 - 1 pg. of Abstract
 - 6 pgs. of Claims (Claims 1-19)
 - 11 pgs. of Drawings
- Utility Patent Transmittal (1 pg.)
- Signed Declaration (2 pgs.)
- Fee Transmittal and Duplicate (2 pgs)
- Credit Card Payment Form (1 pg.)
- Assignment and cover sheet (2 pgs.)
- Certificate of Express Mailing (1 pg.)

Please let me know if I can be of further service. Thank you.

Sincerely,


Bill Kolegraff

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

For a patent application entitled

DIGITAL TIME DOMAIN REFLECTOMETER SYSTEM

EU 661229337 US
"Express Mail" Label number

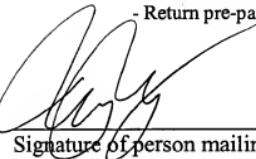
Sept. 5, 2003
Date of Deposit

I hereby certify that the below listed correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee service on the date indicated above and is address to:

Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Correspondence in deposit:

- 44 pages of Application, including
 - 26 pgs. of Specification
 - 1 pg. of Abstract
 - 6 pgs. of Claims (Claims 1-19)
 - 11 pgs. of Drawings
- Utility Patent Transmittal (1 pg.)
- Signed Declaration (2 pgs.)
- Fee Transmittal and Duplicate (2 pgs)
- Credit Card Payment Form (1 pg.)
- Assignment and cover sheet (2 pgs.)
- Certificate of Express Mailing (1 pg.)
- Return pre-paid postcard



Signature of person mailing correspondence

William J. Kolegraff
Typed or printed name of person mailing correspondence

Patent Application Received in the
U.S. PATENT & TRADEMARK OFFICE

**DIGITAL TIME DOMAIN
REFLECTOMETER SYSTEM**

- 44 pages of Application, including
 - 26 pgs. of Specification
 - 1 pg. of Abstract
 - 6 pgs. of Claims (Claims 1-19)
 - 11 pgs. of Drawings
- Utility Patent Transmittal (1 pg.)
- Signed Declaration (2 pgs.)
- Fee Transmittal and Duplicate (2 pgs)
- Credit Card Payment Form (1 pg.)
- Assignment and cover sheet (2 pgs.)
- Certificate of Express Mailing (1 pg.)

Applicant: McCosh, John
Assignee: Psiber Data Systems
Docket No.: PSI-05
Date Mailed: September 5, 2003
Express Mail Label Affixed Below:

EU 661229337 US